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## COMMUNICATION TO EXAMINER

### TO THE ATTENTION OF:

### EXAMINER MARK HELLNER

#### FROM:

**Name** Carl A. Kukkonen, III

**Date** April 15, 2008

**# of Pages** 6

#### TO:

Name	Company	Business#	Fax #
Mark Hellner - Examiner	United States Patent Office	571 272 6981	571 273 6981

#### Re: IDS

In accordance with our telephone call this morning, attached is a copy of the IDS submitted on May 5, 2005 for your review and acknowledgement. If you have any questions, my direct line is (858) 320-3035.

Thank you.

Carl Kukkonen

Please call us at 858-320-3000 if you experience any problems.

#### STATEMENT OF CONFIDENTIALITY

The information contained in this fax is intended for the exclusive use of the addressee and may contain confidential or privileged information. If you are not the intended recipient, you are hereby notified that any form or dissemination of this communication is strictly prohibited. If this fax was sent in error, please immediately notify us by phone.

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.

BOSTON | WASHINGTON | NEW YORK | STAMFORD | LOS ANGELES | PALO ALTO | SAN DIEGO | LONDON

Attorney's Docket No.: 18325-002001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Reinhard Bruch and Jutta Gietl      Art Unit : 2828  
Serial No. : 10/809,932      Examiner : Unknown  
Filed : March 26, 2004  
Title : MOBILE TERAWATT FEMTOSECOND LASER SYSTEM (MTFLS) FOR  
LONG RANGE SPECTRAL SENSING AND IDENTIFICATION OF  
BIOAEROSOLS AND CHEMICAL AGENTS IN THE ATMOSPHERE

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 5, 2005

Date of Deposit

Veronica Whalen

Signature

Veronica Whalen

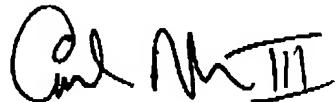
Typed or Printed Name of Person Signing Certificate

Applicant : Reinhard Bruch and Jutta Gietl  
Serial No. : 10/809,932  
Filed : March 26, 2004  
Page : 2 of 2

Attorney's Docket No.: 18325-002001

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,



Carl A. Kukkonen, III  
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Attorney's Docket No. 18325-002001	Express Mail Label No.	Filing Date May 5, 2005	<b>For PTO Use Only</b> <i>Do Not Mark in This Area</i>
Application No. 10/809,932	Filing Date March 26, 2004	Attorney/Secretary Init CAK/vzw	
Title of the Invention <b>MOBILE TERAWATT FEMTOSECOND LASER SYSTEM (MTPLS) FOR LONG RANGE SPECTRAL SENSING AND IDENTIFICATION OF BIOAEROSOLS AND CHEMICAL AGENTS IN THE ATMOSPHERE</b>			
Applicant <b>Reinhard Bruch and Jutta Gietl</b>			
Enclosures Information Disclosure Statement (2 pages); Form PTO-1449 (2 pages); Documents listed on the Form PTO-1449 (15 documents); 			

Sheet 1 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 18325-002001	Application No. 10/809,932
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Reinhard Bruch and Jutta Gietl	
		Filing Date March 26, 2004	Group Art Unit 2828

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
9MAJ	AA	5,175,664	12/29/92	Diels et al.	—	—	
	AB	5,726,855	03/10/98	Mourou et al.	—	—	
9MAJ	AC	60/412,535	9/20/02	Bruch et al.	—	—	

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
	AD						

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
9MAJ	AE	A. Braun, et al., <i>Self-channeling of high-peak-power femtosecond laser pulses in air</i> , Optica Letters, Vol. 20, 73-73 (1995).
9MAJ	AF	Catherine Favre, et al., <i>White-Light Nanosource and Directional Emission</i> , Physical Review Letters, Vol. 89, 035002-1-035002-4 (2002)
9MAJ	AG	D.A. Ligon, et al., <i>Simulation of the Passive Infrared Spectral Signatures of Bioaerosol and Natural Fog Clouds Immersed in the Background Atmosphere</i> , Optics Express, Vol. 10, 909-919 (2002).
9MAJ	AH	Dieter Naumann, et al., <i>What Can Infrared Spectroscopy Tell Us About the Structure and Composition of Intact Bacterial Cells?</i> , Infrared Spectroscopy of Biomolecules, ed. by H.H. Mantsch and D. Chapman, Wiley-Liss, New York (1996)
9MAJ	AI	Differential Optical Absorption Spectroscopy (DOAS), U. Platt, Air Monitoring by Spectroscopic Techniques (Chemical Analysis, Vol. 127), M.W. Sigrist (ed.), Wiley-Interscience (1994).
9MAJ	AJ	G.S. Sarkisov, et al., <i>Self-focusing, Channel Formation, and High-Energy Ion Generation in Interaction of an Intense Short Laser Pulse with a He Jet</i> , Physical Review E, Vol. 59, 7042-7054 (1999)
9MAJ	AK	H. Wille, et al., <i>Teramobile: A Mobile Femtosecond-Terawatt Laser and Detection System</i> , European Physical Journal Applied Physics, Vol. 20, 183-190 (2002).
9MAJ	AL	J. Kasparian, et al., <i>Infrared Extension of the Supercontinuum Generated by Femtosecond Terawatt Laser Pulses propagating in the Atmosphere</i> , Optics Letters, Vol. 25, 1397-1399 (2000).
9MAJ	AM	J. Kasparian, et al., <i>The Critical Laser Intensity of Self-guided Light Filaments in Air</i> , Applied Physics B, Vol. 71, 877-879 (2000).
9MAJ	AN	Jean-Claude Diels, et al., <i>Ultrashort Laser Pulse Phenomena</i> , Optics and Photonics, Academy Press, San Diego (1996).
9MAJ	AO	M.O. Scully, <i>FAST CARS: Engineering a laser spectroscopic technique for Rapid Identification of Bacterial Spores</i> , Proceedings of the National Academy of Sciences, Vol. 99, 10994-1101 (2002).
9MAJ	AP	P. Rairoux, et al., <i>Remote Sensing of the Atmosphere Using Ultrashort Laser Pulses</i> , Applied Physics B, Vol. 71, 573-580 (2000).
9MAJ	AQ	P.B. Corkum, et al., <i>Supercontinuum Generation in Gases</i> , Physical Review Letters, Vol. 57, 2268-2271 (1986).

Examiner Signature Mark Hellner	Date Considered 04/15/2008
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Sheet 2 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 18325-002001	Application No. 10/809,932
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		Filing Date March 26, 2004	Group Art Unit 2828

<b>Other Documents (Include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
9M9D	AR	Senator Bill Frist, M.D., <i>When Every Moment Counts: What you Need to Know About Bioterrorism From the Senate's Only Doctor</i> , Roman and Littlefield Publishers, Lanham (2002).
9MAD	AS	Steve C. Hill, et al, <i>Enhanced Backward-Directed Multiphoton-Excited Fluorescence from Dielectric Microcavities</i> , Physical Review Letters, Vol. 85, 54-57 (2000).

Examiner Signature Mark Hellner	Date Considered 04/15/2008
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